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Catalogue of Indian Insects

PART 24—Evanidae

BY

M. S. MANI, M.A. (Madras),
Assistant to the Imperial Entomologist, New Delhi

Issued under the authority of the Government of India

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INTRODUCTION

The Evanidæ are a small family of Parasitic Hymenoptera, easily distinguished from the closely related families Stephanidæ and Ichneumonidæ by the insertion of the petiole of abdomen on the dorsum of propodeum. In their larval stages they are wholly zoophagous, while adults usually feed on the juices of plants. Members of the subfamily Evaninæ are parasitic on the oothecæ of cockroaches, those of the subfamily Gasteruptioninæ on Aphidæ, Sphecidæ and probably also Vespidæ and Crabronidæ, while those of Aulacinæ are parasites of Siricidæ and Cerambycidæ.

Comparatively very little attention has been paid to this group. In 1758, Linnæus described some Evanids under his genus *Ichneumon.* Later, Fabricius, Latreille, Haliday and several others studied this group. In 1900, Ashmead published a classification of this family and in 1902, Dalla Torre listed the world species in his *Catalogus Hymenopterorum,* recording eleven species from India. In 1902, Kieffer monographed the family in the *Genera Insectorum* and in 1912 published a revision in *Das Tierreich.* In the latter work, which is still the standard work of reference on the family, he described all the genera and species from different parts of the world including India, and gave detailed keys to subfamilies, genera and species. A few fossil forms have also been recently described : *Pristaulacus* and *Aulacus* occur in miocene and *Evania* both in Baltic amber and copal ; Cockerell has also described three other genera from Burmese amber. Altogether over three hundred species are known from the whole world. All the fifty species, both recent and fossil, so far described from India are included in this Catalogue.*

The compilation of this catalogue was started when I was working in the Zoological Survey of India, Calcutta, and was completed in the laboratory of the Imperial Entomologist, New Delhi. My sincere thanks are due to Dr. Baini Prashad, Director, Zoological Survey of India, Indian Museum, Calcutta, and Dr. Hem Singh Pruthi, Imperial Entomologist, for facilities for preparing the catalogue.

M. S. MANI.

Laboratory of the Imperial Entomologist,

New Delhi,

January 4th, 1938.

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* British Indian, Ceylonese, Burmese and Malayan forms alone are included in this catalogue ; but it is likely that Sumatran, Javanese and Philippinese species might also be discovered when an extensive study is made of this group in India.

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Catalogue of Indian Insects

PART 24—EVANIDÆ

Family EVANIDÆ

LATREILLE, *Hist. Nat. Crust. Ins.*, III, p. 328, (1802). LEACH, *Edinb. Encyc.*, IX, p. 142, (1830). HALIDAY, *Ent. Month. Mag.*, V, p. 212, (1838). SHUCKARD, *Entomologist*, I, p. 120, (1839). WESTWOOD, *Intr. Mod. Class. Ins.*, II, p. 124, (1846). PROVANCHER, *Petite Faun. Ent. Hymen. Canada*, p. 244, (1883). SCHLETTERER, *Verh. zool.-bot. Ges. Wien*, XXXV, pp. 267-325, (1885); *Ann. naturh. Hofmus.*, IV, pp. 107-180, 289-338, 373-546, (1889). ASHMEAD, *U. S. Board Agric., Cat. Ins.*, p. 563, (1900); *Proc. U. S. N. Mus.*, XXIII, p. 6, (1900). DALLA TORRE, *Cat. Hymen.*, III, (2), pp. 1058-1086, (1902), [World List]. KIEFFER, *Gen. Ins.*, fas. 2, p. 13, (1902), [Keys and descriptions of genera]. LEFROY, *Ind. Ins. Life*, pp. 180-181, (1909), [General account]. KIEFFER, *Das Tierreich*, Lief. 30, pp. 432, (1912), [Monographic account]. HELLÉN, *Medd. Soc. Faun. Fenn.*, XLI, pp. 67-69, (1915), [Finlands spp.]. COCKERELL, *Proc. U. S. N. Mus.*, LI, p. 102, (1916), [Florissan Miocene spp.]. FRISON, *Trans. Amer. Ent. Soc.* XLVIII, pp. 1-33, (1922), [Neotropical forms]. BRUES, *Ann. S. Afric. Mus.*, XIX, p. 2, (1924), [Synonymy and notes on S. African spp.]. SEMENOV-TIANSHANSKIJ & KOSTYLEY, *Rev. russe Ent.*, XXII, pp. 86-91, figs. 7, (1928), [First additions to Kieffer's monograph]. UCHIDA, *Trans. Sapporo Nat. Hist. Soc.*, XII, pp. 189-193, (1932), [Aulacidæ of Japan]. WATANABE, *Trans. Sapporo Nat. Hist. Soc.*, XIII, pp. 280-281, 281-286, figs. 2, (1934), [Japanese Evanidæ]. IMMS., *Text Book Ent.*, p. 571, (1934), [General account].

Subfamily I. EVANINÆ.

Evaninæ, CAMERON, *Biol. Centr. Amer. Hymen.*, p. 422, (1887). CRESSON, *Trans. Ent. Soc. Philadelphia, Suppl.*, (*Synops. Hymen.*), p. 36, (1887). ASHMEAD, *U. S. Board Agric., Cat. Ins.*, p. 563, (1900); *Proc. U. S. N. Mus.*, XXIII, p. 7, (1900), [Classification]. KIEFFER, *Gen. Ins.*, fas. 2, p. 2, (1902), [Descriptions of genera]; *Das Tierreich*, Lief. 30, p. 6, (1912), [Monographic revision].

Evanidæ, HANDL., in Schroder's *Handb. Ent.*, III, p. 752, (1925), [General account].

1. **Hyptiogaster** Cockerell.

Hyptiogaster, COCKERELL, *Ann. Ent. Soc. Amer.*, X, p. 19, (1917), [Genotype *H. electrina* Cockl.].

electrina COCKERELL.

Hyptiogaster electrina, COCKERELL, *Ann. Ent. Soc. Amer.*, X, p. 20, (1917)[1], [In Burmese amber]. — [1] Burma.

2. **Prosevania** Kieffer.

Evania, (subgen. *Prosevania*), KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 157, (1911).

Prosevania, KIEFFER, *Das Tierreich*, Lief. 30, p. 62, (1912), [Genotype : *P. afra* (Kieff.)].

subtangens (Kieffer).

Evania (*Prosevania*) *subtangens*, KIEFFER, *Ann. Soc. Ent. France*, LXXX, pp. 160-161, (1911).[2]

Prosevania subtangens, KIEFFER, *Das Tierreich*, Lief. 30, p. 62, (1912).[3] — [2] [3] Singapore : Malaya.

3. **Evania** Fabricius.

Ichneumon, REUAMER, (*partim*) *Mem. Hist. Ins.*, VI, p. 293, (1742). LINNÆUS, *Syst. Nat.*, (ed. 10), I, p. 560, (1758).

Sphex, LINNAEUS, *Syst. Nat.* (ed. 10), I, (2), p. 930, (1767).

Evania, FABRICIUS, *Syst. Ent.*, p. 345, (1775), [Genotype *E. appendigaster* (Linn.) Fab.]. SCHLETTERER, *Ann. naturh. Hofmus. Wien*, IV, p. 118, (1889). ASHMEAD, *Proc. U. S. N. Mus.*, XXIII, p. 7, (1900). KIEFFER, *Gen. Ins.*, fas. 2, p. 2, (1902); *Das Tierreich*, Lief. 30, p. 65, (1912), [Keys & descriptions of spp.].

albitarsis Cameron.

Evania albitarsis, CAMERON, *Mem. Proc. Manchester Lit. Philos. Soc.*, XLIII, p. 53, (1889)[1]. LEFROY, *Ind. Ins., Life*, p. 181, (1909). KIEFFER, *Das Tierreich*, Lief. 30, p. 95, (1912)[2]. — [1], [2] Khasia Hills.

antennalis Westwood.

Evania antennalis, WESTWOOD, *Trans. Ent. Soc. London*, III. p. 244, (1841)[3], SCHLETTERER, *Verh. zool.-bot. Ges. Wien*, XXXVI, p. 10, (1886); *Ann. naturh. Hofmus. Wien*, IV, p. 148, (1889). KIEFFER, *Gen. Ins.*, fas. 2, p. 3, (1902). LEFROY, *Ind. Ins. Life*, p. 181, (1909). KIEFFER., *Das Tierreich*, Lief. 30, p. 120, (1912). — [3] Bombay, Ceylon.

Evania cariniformis, CAMERON, *Proc. Trans. Nat. Hist. Soc. Glasgow*, (2), p. 296, (1885-86).

appendigaster (Linnæus) Fabricius.*

Ichneumon appendigaster, LINNÆUS, *Syst. Nat.*, (ed. 10), I, p. 566, (1758). DE GEER, *Mem. Hist. Ins.*, III, p. 594, (1773). RETZEUS, *Gen. Spec. Ins.*, p. 68, (1783).

Sphex appendigaster, LINNÆUS, *Syst. Nat.*, (ed. 12), I, p. 943, (1767).

Evania appendigaster, FABRICIUS, *Syst. Ent.*, p. 345, (1775); *Spec. Ins.*, I, p. 442, (1781); *Mant. Ins.*, I. p. 271, (1787). RÖMER, *Gen. Ins.*, p. 58, (1789). ROSSI, *Faun. Etrusca*, II, p. 59, (1790). OLIVER, *Encyc. method Ins.*, VI, p. 453, (1791). FABRICIUS, *Syst. Ent.*, II, p. 192, (1793). LAMARK, *Syst. anim. vert.*, p. 267, (1801). FABRICIUS, *Syst. Piez.*, p. 178, (1804). LATREILLE, *Hist. nat. Crust. Ins.*, XIII, p. 193, (1805). NEES *Hymen. Ichneum.*

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* Found all over the world.

affin. Monogr., I, p. 311, (1834). BLANCHARD, *Hist. nat. Ins.*, III, p. 299, (1840). WESTWOOD, *Intr. Mod. Class. Ins.*, II, p. 134, (1840). SHUCKARD, *Entomologist*, p. 120, (1841). WESTWOOD, *Trans. Ent. Soc. London*, III, p. 241, (1843); (2), I, p. 213, (1851). SCHLETTERER, *Verh. zool.-bot. Ges. Wien*, XXXVI, p. 10, (1886). CAMERON, *Biol. Centr. Amer.*, *Hymen.*, p. 427, (1887). SCHLETTERER, *Ann. naturh. Hofmus. Wien*, VII, p. 233, (1892). KIEFFER, *Ann. Soc. Ent. France*, p. 818, (1900). DALLA TORRE, *Cat. Hymen.*, III, (2), p. 1076, (1902). KIEFFER, *Gen. Ins.*, fas. 2, p. 3, (1902). LEFROY, *Ind. Ins. Life*, p. 181, (1909). KIEFFER, *Das Tierreich*, Lief. 30, p. 83, (1912). HABER, *Canad. Ent.*, LII, p. 248, (1920), [Oviposition]. [Hosts: *Periplaneta americana*, *P. orientalis*, *Panchlora madeiræ*].

Evania lævigata, OLIVER, *Encyc. Method Ins.*, VI, p. 453, (1791). LATREILLE, *Gen. Crust. Ins.*, III, p. 251, (1801). LAMARK, *Hist. nat. anim. vert.*, IV, p. 147, (1817). LEACH, *Edinb. Encyc.* IX, p. 142, (1830). NEES, *Hymen. Ichneum. Monogr.*, I, p. 311, (1834), [Notes]. WESTWOOD, *Trans. Ent. Soc. London*, III, p. 241, (1843); (2), I, p. 213, (1851). SMITH, *Philos. Trans. Roy. Soc.*, CLXVIII, p. 538, (1879).

Evania flavicornis, OLIVER, *Encyc. Method Ins.*, VI, p. 453, (1791).

Evania fuscipes, ILLIGER, in Rossi's *Faun. Etrusca*, (ed. 2), II, p. 83, (1807); NEES, *Hymen. Ichneum. affin. Monogr.*, I, p. 310, (1834). WESTWOOD, *Trans. Ent. Soc. London*, III, p. 241, (1843); (2), I, p. 213, (1851).

Evania desjardini, BLANCHARD, *Hist. nat. Ins.*, III, p. 299, (1840). WESTWOOD, *Trans. Ent. Soc. London*, III, p. 242, (1843); (2), I, p. 214, (1851).

araticeps Kieffer.

Evania araticeps, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 167, (1911);[1] *Das Tierreich*, Lief. 30, p. 121, (1912).[2] — [1], [2] Assam.

binghami Cameron.

Evania binghami, Cameron, *Ann. Mag. Nat. Hist.*, (7), XIX, p. 169, (1907).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 94, (1912).[2] — [1], [2] India and Middle Tenasserim.

brachystylus Schletterer.

Evania brachystylus, SCHLETTERER, *Ann. naturh. Hofmus. Wien*, IV, p. 152, (1889).[1] KIEFFER, *Gen. Ins.*, fas. 2, p. 3, (1902); *Das Tierreich*, Lief. 30, p. 125, (1912). — [1] Ceylon.

curvicarinata Cameron.

Evania curvicarinata, CAMERON, *Mem. Proc. Manchester Lit. Philos. Soc.*, XLIII, p. 51, (1899).[1] LEFROY, *Ind. Ins. Life*, p. 181, (1909). KIEFFER, *Das Tierreich*, Lief. 30, p. 122, (1912). — [1] Khasia Hills.

deesænsis Cameron.

Evania deesænsis, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 583, (1907).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 124, (1912). — [1] Deesa: Bombay.

dolichopus Schletterer.

Evania dolichopus, SCHLETTERER, *Ann. naturh. Hofmus. Wien*, IV, p. 151, (1889).[1] KIEFFER, *Gen. Ins.*, fas. 2, p. 3, (1902); *Das Tierreich*, Lief. 30, p. 113, (1912). — [1] Ceylon.

erythrosoma Schletterer.

Evania erythrosoma, SCHLETTERER, *Verh. zool.-bot. Ges. Wien*, p. 18, (1886);[1] *Ann. naturh. Hofmus. Wien*, IV, p. 149, (1889). KIEFFER, *Gen. Ins.*, fas. 2, p. 3, (1902); *Das Tierreich*, Lief. 30, p. 112, (1912). — [1] Ceylon.

grisea Kieffer.

Evania grisea, Kieffer, *Ann. Soc. Ent. France*, LXXX, p. 166, (1911); *Das Tierreich*, Lief. 30, p. 116, (1912).[1] — [1] Kandy: Ceylon.

interstitialis Cameron.

Evania interstitialis, Cameron, *Spol. Zeyl.*, III, p. 74, (1905).[1] Kieffer, *Das Tierreich*, Lief. 30, p. 98, (1912). — [1] Ceylon.

microstyla Kieffer.

Evania microstyla, Kieffer, *Ann. Soc. Ent. France*, LXXX, p. 176, (1911);[1] *Das Tierreich*, Lief. 30, p. 108, (1912).[2] — [1], [2] India; Singapore: Malaya.

montana Kieffer.

Evania montana, Kieffer, *Ann. Soc. Ent. France*, LXXX, p. 165, (1911);[1] *Das Tierreich*, Lief. 30, p. 99, (1912). — [1] Kangra.

nurseana Cameron.

Evania nurseana, Cameron, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 99, (1906).[1] Kieffer, *Das Tierreich*, Lief. 30, p. 110, (1912). — [1] Quetta.

origena Kieffer.

Evania origena, Kieffer, *Ann. Soc. Ent. France*, LXXX, p. 164, (1911);[1] *Das Tierreich*, Lief. 30, p. 122, (1912). — [1] Kangra.

peradeniyæ Cameron.

Evania peradeniyæ, Cameron, *Spol. Zeyl.*, III, p. 75, (1905).[1] Kieffer, *Das Tierreich*, Lief. 30, p. 98, (1912). — [1] Peradeniya: Ceylon.

rubrofasciata Brues.

Evania rubrofasciata, Brues, *Bull. Amer. Mus.*, XXXV, p. 718, (1916).[1] — [1] India.

simlaensis Cameron.

Evania simlaensis, CAMERON, *Deuts. ent. Zeit.*, p. 660, (1909).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 110, (1912). — [1] Simla.

solox Enderlein.

Evania solox, ENDERLEIN, *Zool. Anz.*, XXVIII, p. 704, (1905).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 114, (1912). — [1] Burma, Tenasserim.

stenochela Kieffer.

Evania stenochela, KIEFFER, *Ann. Soc. Ent. France*, LXXX, pp. 171-172, (1911); [1] *Das Tierreich*, Lief. 30, p. 94, (1912).[2] — [1, 2] Karachi.

szépligetii Bradley.

Evania parva, SZÉPLIGETI, *Ann. Mus. Hungar.*, I, p. 381, (1903).
Evania szépligetii, BRADLEY, *Trans. Amer. Ent. Soc.*, XXXIV, p. 167, (1908). KIEFFER, *Das Tierreich*, Lief. 30, p. 119, (1912).[1] — [1] Singapore: Malaya.

Subfamily II. GASTERUPTIONINÆ.

Evaninæ, (*partim*), CAMERON, *Biol. Centr. Amer. Hymen.*, p. 422, (1887). ASHMEAD, *U. S. Board Agric.*, *Cat. Ins.*, p. 563, (1900).

Aulacinæ, (*partim*), SCHLETTERER, *Ann. naturh. Hofmus. Wien*, IV, p. 118, (1889).

Gasteruptioninæ, ASHMEAD, *Proc. U. S. N. Mus.*, XIII, p. 7, (1900). SCHULZ, *Spol. Hymen.*, p. 133, (1906). KIEFFER, *Das Tierreich*, Lief. 30, p. 188, (1912).

Fœninæ, KIEFFER, *Gen. Ins.*, fas. 2, p. 6, (1902).

Gasteruptionidæ, HANDL., in Schroder's *Handb. Ent.*, III, p. 751, (1925 ?).

4. **Trichofœnus** Kieffer.

Fœnus, (*partim*), GUERIN-MÉNEVILLE, *Icongr. Règean.*, II, p. 406, (1829-38).

Gasteruption, (*partim*), SCHLETTERER, *Verh. zool.-bot. Ges. Wien*, XXXV, p. 283, (1885). SEMENOV, *Bull. Ac. St. Petersburg*, (N. S.), III, p. 13, (1892).
Trichofœnus, KIEFFER, *Ann. Soc. Ent. France*, LXXIX, p. 77, (1910), [Genotype *T. merceti* (Kieff.)] ; *Das Tierreich*, Lief. 30, p. 213, (1912).

corynetes Kieffer.

Trichofœnus corynetes, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 188, (1911) ;[1] *Das Tierreich*, Lief. 30, p. 217, (1912). — [1] Nasik : Bombay.

orientalis (Cameron).

Gasteruption orientalis, CAMERON, *Mem. Proc. Manchester Lit. Philos. Soc.*, (4), I, p. 19, (1888).[1] SCHLETTERER, *Ann. naturh. Hofmus. Wien*, IV, p. 435, (1889). KIEFFER, *Gen. Ins.*, fas. 2, p. 9, (1902). CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 583, (1907). LEFROY, *Ind. Ins. Life*, p. 181, (1909). — [1] Barrackpore : Bengal.
Trichofœnus orientalis, KIEFFER, *Das Tierreich*, Lief. 30, p. 217, (1912).

rufithorax Kieffer.

Trichofœnis rufithorax, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 189, (1911) ;[1] *Das Tierreich*, Lief. 30, p. 217, (1912). — [1] Calcutta.

5. **Trigonofœnus** Kieffer.

Gasteruption, (*partim*), CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 582, (1907).
Trigonofœnus, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 177, (1911) ; [Genotype *T. trianguliferum* (Kieff.) *Das Tierreich*, Lief. 30, p. 224, (1912)].

abuensis (Cameron).

Gasteruption abuensis, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 582, (1907).[1] *Trigonofœnus abuensis*, KIEFFER, *Das Tierreich*, Lief. 30, p. 225, (1912). — [1] Mt. Abu.

6. **Electrofœnus** Cockerell.

Electrofœnus, COCKERELL, *Amer. Journ. Sc.*, XLIV, p. 364, (1917), [Genotype *E. gracilipes* Cockl.].

gracilipes Cockerell.

Electrofœnus gracilipes, COCKERELL, *Amer. Journ. Sc.*, XLIV, p. 365, (1917),[1] [From Burmese amber]. — [1] Burma.

7. **Protofœnus** Cockerell.

Protofœnus, COCKERELL, *Ann. Ent. Soc. Amer.*, X, p. 19, (1917), [Genotype *P. swinhœi* Cockl.].

swinhœi Cockerell.

Protofœnus swinhœi, COCKERELL, *Ann. Ent. Soc. Amer.*, X, p. 19, (1917),[1] [From Burmese amber]. — [1] Burma.

8. **Gasteruption** Latreille.

Ichneumon, (*partim*), LINNÆUS, *Syst. Nat.*, (ed. 10), I, p. 560, (1758).

Gasteruption, LATREILLE, *Precis caract. Ins.*, p.113, (1796), [Genotype *G. assectator*(Fabr.) =*G. affector* (Linn.)]. SCHLETTERER, *Verh. zool.-bot, Ges. Wien*, p. 268, (1885). ASHMEAD, *U. S. Board Agric., Cat. Ins.*, p. 563, (1900). KIEFFER, *Gen. Ins.*, fas. 2, p. 7, (1902). SCHULZ, *Spol. Hymen.*, p. 133, (1906). KIEFFER, *Das Tierreich*, Lief. 30, p. 226, (1912).

Fœnus, FABRICIUS, *Ent. Syst., Suppl.*, p. 240, (1798). TOURNIER, *Ann. Soc. Ent. Belge*, XX, p. (1877). ABEILLE, *Bull. Soc. Hist. Nat. Toulouse*, XIII, p. 260, (1879).

baluchistanense Cameron.

Gasteruption baluchistanense, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 100, (1906).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 292, (1912). — [1] Quetta.

brevicuspis Kieffer.

Gasteruption brevicuspis, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 196, (1911);[1] *Das Tierreich*, Lief. 30, p. 293, (1912). — [1] Assam.

ceylonicum Cameron.

Gasteruption ceylonicum, CAMERON, *Spol. Zeyl.*, III, p. 77, (1905).[1] KIEFF., *Das Tierreich*, Lief. 30, p. 294, (1912). — [1] Punduloya: Ceylon.

kashmirense Cameron.

Gasteruption kasmirense, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 292, (1906).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 292, (1912). — [1] Kashmere.

mandibulare Cameron.

Gasteruption mandibulare, CAMERON, *Mem. Proc. Manchester Lit. Philos. Soc.*, XLIII, p. 59, (1899).[1] LEFROY, *Ind. Ins. Life*, p. 181, (1909). KIEFFER, *Das Tierreich*, Lief. 30, p. 296, (1912). — [1] Khasi Hills.

nigrinerve Kieffer.

Gasteruption nigrinerve, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 193, (1911);[1] *Das Tierreich*, Lief. 30, p. 281, (1912). — [1] Kandy: Ceylon.

quettaense Cameron.

Gasteruption quettaense, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 101, (1906).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 295, (1912). — [1] Quetta.

rotundicolle Cameron.

Gasteruption rotundicolle, CAMERON, *Journ. Bombay Nat. Hist. Soc.*, XVII, p. 582, (1906).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 293, (1912). — [1] Deesa.

sericeipes Kieffer.

Gasteruption sericeipes, KIEFFER, *Ann. Soc. Ent. France*, LXXX, p. 199, (1911).[1] *Das Tierreich*, Lief. 30, p. 298, (1912). — [1] Karachi, Peshawar.

tricoloratum Cameron.

Gasteruption tricoloratum, CAMERON, *Spol. Zeyl.*, III, p. 76, (1905).[1] KIEFFER, *Das Tierreich*, Lief. 30, p. 297, (1912). — [1] Peradeniya : Ceylon.

Subfamily III. AULACINÆ.

Aulacidæ, SHUCHARD, *Entomologist*, p. 12, (1840-2). HANDL., in Schroder's *Handb. Ent.*, III, p. 733, (1925).

Aulacinæ, CAMERON, *Biol. Centr. Amer. Hymen.*, p. 422, (1887). CRESSON, *Trans. Ent. Soc. Philadelphia*, Suppl. (Synops. Hymen.), p. 36, (1887). ASHMEAD, *U. S. Board Agric., Cat. Ins.*, p. 563, (1900) ; *Proc. U. S. N. Mus.*, XXIII, p. 8, (1900). KIEFFER, *Gen. Ins.*, fas. 2, p. 10, (1902) ; *Das Tierreich*, Lief. 30, p. 342, (1912). UCHIDA, *Trans. Sapporo Nat. Hist. Soc.*, XII, pp. 189-193, figs. 2, (1932), [Japanese species].

9. **Aulacinus** Westwood.

Aulacinus, Westwood, *Trans. Ent. Soc. London*, p. 331, (1868), [Genotype *Aulacinus* (*Aulacinus*) *mœreus* Westw.]. Kieffer, *Gen. Ins.*, fas. 2, p. 12, (1902); *Das Tierreich*, Lief. 30, p. 349, (1912).

Aulacus, (*partim*), Schletterer, *Ann. naturh. Hofmus. Wien*, IV, p. 517, (1889).

bituberculatus (Cameron).

Aulacus (*Aulacinus*) *bituberculatus*, Cameron, *Mem. Proc. Manchester Lit. Philos. Soc.*, XLIII, p. 55, (1899).[1] — [1] Khasi Hills.

Aulacus bituberculatus, Lefroy, *Ind. Ins. Life*, p. 181, (1909).

Aulacinus bituberculatus, Kieffer, *Das Tierreich*, Lief. 3, p. 350, (1912).

10. **Tetraulacinus** Kieffer.

Pristaulacus, (*partim*), Cameron, *Zeit. Hymen. Dipt.*, VII, p. 222, (1907).

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